

Task	Item	Purpose	Acquired
1: Collect Vactor Waste	Shovel	Scoop VW from pile into buckets	City?
	3 - 5 gallon buckets	Hold VW from pile	
	Cement mixer	Homogenize VW	rent from home depot?
	1 - 15 gallon Cement mixing tub	Hold VW after homogenizing	home depot or lowes?
	Whirlpac bags (#?)	Samples for initial characterization	
	<i>Other 'cone and quartering' sample items?</i>	<i>Collecting homogenized samples</i>	<i>what tools do we need?</i>
	Large Glass jars (size? #?)	Store total of 10 gallons VW in fridge	
	Pint canning jar w lid	Fill w VW for sterilization task 2	X
	Scoop (plastic? Metal?)	Transfer VW from bin to jars for storage	
	Fridge city lab	Long term storage of VW jars at city lab	X
2: Train fungi to sterile VW	Pressure cooker	Sterilization (agar, VW jar, tools)	X
	Propane burner and tank, lighter	For heating pressure cooker	X
	Autoclave at city lab?	Sterilizing vw?	
	Agar ingredients (agar agar, malt extract, water)	Making agar	X
	scale	Measure ingredients	X
	Erlenmeyer flasks (2)	Sterilizing/ pouring Agar	X
	Aluminum Foil	Cover flask mouths, wrap tools	X
	Petri dishes (96)	Hold agar, vw, mycelium	X
	Masking tape	Tape petris, labeling	X
	Stainless scoop (which?)	Transfer sterile VW	
	Stainless scalpel (which?)	Transfer mycelium	
	sharpie	labeling	X
	Disposable mask	Safety while working	
	Respirator?	safety	
	Denatured alcohol	fuel for lamp	X
	Alcohol lamp	Tool sterilization in lab	X

	Paper towels	Sterile tech	X
	Isopropyl alcohol spray bottle	Sterile tech	X
	Ruler	Measure radial growth	
	Camera (phone)	Photos	X
	Scientific journal	Notes	X
3: Grain Spawn	32 cups whole grain wheat or rye (organic?)	Growing mycelium	
	Large pot(s)	Soaking grain	
	Fine wire mesh colander	Straining hydrated grain	
	1 cup plastic? scoop	Transfer grain to jar	X
	32 quart canning jars w filter lids	Growing mycelium on grain	X
	Aluminum foil	Cover jars	X
	Pressure cooker	Sterilization	X
	Stainless scalpel	Transfer from petri to grain	
	Alcohol lamp	Tool sterilization in lab	X
	Paper towels	Sterile tech	X
	Isopropyl alcohol spray bottle	Sterile tech	X
	Ruler	Measure radial growth	
	Camera (phone)	Photo	X
	Tape	Label	X
	Sharpie	Label	X
4: sawdust spawn	15 gallons hardwood sawdust	Substrate for growing mycelium	
	three 5-gallon buckets with lids	Hold sawdust	
	Large Rubbermaid bin	Hydrating / mixing sawdust	
	Large pot or p.c./ burner/propane	pasteurization	X
	Meat thermometer	Measure temp during pasteurization	X
	32 quart jars/ filter lids	Hold/past sawdust and grow mycelium	
	Stainless scoop/spatula (which?)	Transferring grain spawn to sawdust	

[illegible]